This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously Presented) A method for storing data in a data store, comprising:

receiving a multimedia file including essence, metadata objects providing information on the essence, and a unique identifier assigned to the essence;

extracting the essence from the file;

storing the essence in the data store;

for each received metadata data object in the received multimedia file, performing:

(i) determining whether the metadata object includes a label or attribute of a label;

(ii) adding a tagged element to a metadata file corresponding to the label metadata if the metadata object includes one label; and

(iii) adding a tagged attribute to the metadata file if the metadata object includes one attribute for one label, wherein the tagged attribute indicates an attribute value for one tagged element corresponding to the label for which the value is provided; and

storing the metadata file in the data store.

2. (Canceled)

3. (Currently Amended) The method of claim [[2]] 1, wherein one separate metadata file including tagged elements and attributes is generated for each received multimedia file.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Original) The method of claim 1, wherein the essence data comprises one of multimedia data, application data, text, and database records.

10. (Previously Presented) The method of claim 9, wherein the multimedia file conforms to the Media Exchange Format (MXF) and wherein the metadata objects in the multimedia file are implemented in the Key, Length, Value (KLV) coding scheme.

11. (Currently Amended) The method of claim 1, further comprising:

receiving a unique identifier;

accessing the essence and the metadata file associated with the unique identifier;

generating one reconstructed metadata object for each tagged element and attribute in the metadata file; and

assembling a reconstructed [[metadata]] multimedia file including the reconstructed metadata objects, the accessed essence, and the received unique identifier.

12. (Previously Presented) The method of claim 11, wherein generating each reconstructed metadata object further comprises:

accessing the metadata from one tagged element or attribute in the metadata file; and

storing the accessed metadata in the reconstructed metadata object for the tagged element or attribute.

13. (Previously Presented) The method of claim 12, wherein generating each reconstructed metadata object further comprises:

providing a mapping associating tagged elements and attributes with labels;

determining from the mapping the label corresponding to the tagged element or attribute; and

including the determined label in the reconstructed metadata object for the tagged element or attribute.

14. (Previously Presented) The method of claim 13, wherein generating the reconstructed metadata object for one tagged attribute further comprises:

accessing a metadata attribute value from the tagged attribute; and

adding the accessed attribute value to the reconstructed metadata object.

15. (Canceled)

16. (Canceled)

17. (Previously Presented) A system for storing data, comprising:

a data store;

means for receiving a multimedia file including essence, metadata objects providing information on the essence, and a unique identifier assigned to the essence;

means for extracting the essence from the file;

means for storing the essence in the data store;

means for extracting metadata from each metadata object in the multimedia file by performing for each metadata object in the multimedia file:

(i) determining whether the metadata object includes a label or attribute of a label;

(ii) adding a tagged element to a metadata file corresponding to the label metadata if the metadata object includes one label; and

(iii) adding a tagged attribute to the metadata file if the metadata object includes one attribute for one label, wherein the tagged attribute indicates an attribute value for one tagged element corresponding to the label for which the value is provided; and

storing the metadata file in the data store.

18. (Canceled)

19. (Currently Amended) The system of claim [[18]] 17, wherein one separate metadata file including tagged elements and attributes is generated for each received multimedia file.

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Original) The system of claim 17, wherein the essence data comprises one of multimedia data, application data, text, and database records.

26. (Previously Presented) The system of claim 25, wherein the multimedia file conforms to the Media Exchange Format (MXF) and wherein the metadata objects in the multimedia file are implemented in the Key, Length, Value (KLV) coding scheme.

27. (Currently Amended) The system of claim 17, further comprising:

means for receiving a unique identifier;

means for accessing the essence and the metadata file associated with the unique identifier;

means for generating one reconstructed metadata object for each tagged element and attribute in the metadata file; and

means for assembling a reconstructed [[metadata]] multimedia file including the reconstructed metadata objects, the accessed essence, and the received unique identifier.

28. (Previously Presented) The method of claim 27, wherein the means for generating each reconstructed metadata object further performs:

accessing the metadata data from one tagged element or attribute in the metadata file; and

storing the accessed metadata in the reconstructed metadata object for the tagged element or attribute.

29. (Previously Presented) The system of claim 28, wherein the means for generating each reconstructed metadata object further performs:

providing a mapping associating tagged elements and attributes with labels;

determining from the mapping the label corresponding to the tagged element or attribute; and

including the determined label in the reconstructed metadata object for the tagged element or attribute.

30. (Previously Presented) The system of claim 29, wherein the means for generating the reconstructed metadata object for one tagged attribute further performs:

accessing a metadata attribute value from the tagged attribute; and

adding the accessed attribute value to the reconstructed metadata object.

31. (Canceled)

32. (Canceled)

33. (Previously Presented) An article of manufacture including code for storing data in a data store, wherein the code is capable of causing operations to be performed comprising:

receiving a multimedia file including essence, metadata objects providing information on the essence, and a unique identifier assigned to the essence;

extracting the essence from the file;

storing the essence in the data store;

for each received metadata data object in the received multimedia file, performing:

(i) determining whether the metadata object includes a label or attribute of a label;

(ii) adding a tagged element to a metadata file corresponding to the label metadata if the metadata object includes one label; and

(iii) adding a tagged attribute to the metadata file if the metadata object includes one attribute for one label, wherein the tagged attribute indicates an attribute value for one tagged element corresponding to the label for which the value is provided; and storing the metadata file in the data store.

34. (Canceled)

35. (Currently Amended) The article of manufacture of claim [[34]] 33, wherein one separate metadata file including tagged elements is generated for each received multimedia file.

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Canceled)

40. (Canceled)

41. (Original) The article of manufacture of claim 33, wherein the essence data comprises one of multimedia data, application data, text, and database records.

42. (Previously Presented) The article of manufacture of claim 41, wherein the multimedia file conforms to the Media Exchange Format (MXF) and wherein the metadata objects in the multimedia file are implemented in the Key, Length, Value (KLV) coding scheme.

43. (Currently Amended) The article of manufacture of claim 33, further comprising:
receiving a unique identifier;
accessing the essence and the metadata file associated with the unique identifier;

generating one reconstructed metadata object for each tagged element and attribute in the metadata file; and

assembling a reconstructed [[metadata]] multimedia file including the reconstructed metadata objects the accessed essence, and the received unique identifier.

44. (Previously Presented) The article of manufacture of claim 43, wherein generating each reconstructed metadata object further comprises:

accessing the metadata from one tagged element or attribute in the metadata file; and

storing the accessed metadata in the reconstructed metadata object for the tagged element or attribute.

45. (Previously Presented) The article of manufacture of claim 44, wherein generating each reconstructed metadata object further comprises:

providing a mapping associating tagged elements and attributes with labels;

determining from the mapping the label corresponding to the tagged element or attribute; and

including the determined label in the reconstructed metadata for the tagged element or attribute.

46. (Previously Presented) The article of manufacture of claim 45, wherein generating the reconstructed metadata object for one tagged attribute further comprises:

accessing a metadata attribute value from the tagged attribute; and

adding the accessed attribute value to the reconstructed metadata object.

47. (Canceled)

48. (Canceled)

49. (Previously Presented) The method of claim 1, wherein the label or attribute of the label in the metadata object comprises a universal label defined in a metadata dictionary.

50. (Previously Presented) The method of claim 49, wherein determining whether the metadata object indicates a label or attribute of a label comprises:

processing the metadata dictionary to determine whether the universal label in the metadata object comprises a node having values defined by leaf universal labels or the leaf of one node, wherein universal labels comprising nodes map to tagged elements and universal labels comprising leafs map to tagged attributes for one tagged element.

51. (Currently Amended) The system of claim [[1]] 17, wherein the label or attribute of the label in the metadata object comprises a universal label defined in a metadata dictionary.

52. (Previously Presented) The system of claim 17, wherein determining whether the metadata object indicates a label or attribute of a label comprises:

processing the metadata dictionary to determine whether the universal label in the metadata object comprises a node having values defined by leaf universal labels or the leaf of one node, wherein universal labels comprising nodes map to tagged elements and universal labels comprising leafs map to tagged attributes for one tagged element.

53. (Previously Presented) The article of manufacture of claim 33, wherein the label or attribute of the label in the metadata object comprises a universal label defined in a metadata dictionary.

54. (Previously Presented) The article of manufacture of claim 53, wherein determining whether the metadata object indicates a label or attribute of a label comprises:

processing the metadata dictionary to determine whether the universal label in the metadata object comprises a node having values defined by leaf universal labels or the leaf of one node, wherein universal labels comprising nodes map to tagged elements and universal labels comprising leafs map to tagged attributes for one tagged element.